

INFORMATION DISCLOSURE STATEMENT



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	ATTY. DOCKET NO.
	1481.0240000
FORM PTO-1449	ADDI TONIMO

APPLICATION NO. 09/641,394

APPLICANTS

Machado Jr. et al.

FILING DATE August 18, 2000

GROUP 3621

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				U.S.	PATENT DOCUMENTS			
EXAMINER INITIAL	<u> </u>		OCUMENT UMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
(M)	AA1	3,	808,410	04/1974	Schlesinger	235	156	
	AB1	4,0	015,366	04/1977	Hall, III	47	1	
	AC1	4.0	040,629	08/1977	Kelly	273	278	
	AD1	4,	218,755	08/1980	Root	364	900	
	AE1	4,7	766,539	08/1988	Fox	364	401	
	AF1	4,7	784,150	11/1988	Voorhies et al.	128	664	
<u> </u>	AG1	5,0	063,506	11/1991	Brockwell et al.	364	402	
	AH1	5,1	128,861	07/1992	Kagami et al.	364	403	
	Al1	5,1	128,862	07/1992	Mueller	364	405	†····
	AJ1	5,1	130,925	07/1992	Janes et al.	364	420 .	
	AK1	5,1	40,523	08/1992	Frankel et al.	364	420	
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	AL1	01-	236396	09/1989	JP	G07G	1/14	
	AM1	01-	259488	10/1989	JP	G07G	1/12	
	AN1	02-	268396	11/1990	JP	G07G	1/14	
	AO1	02-2	299059	12/1990	JP ·	G06F	15/20	
	AP1	04-0	077896	03/1992	JP	G07G	1/12	<u> </u>
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	AR	1	Banham, R., *		Relief In Computer Predictions* Au		14-16, 18-19,	XP002082269,
	AS :	1	Best, D.L. and Air Force, Enti	Pryor, S.P., <i>Air W</i> re Report submitte	/eather Service Model Output Stati ed (October 1983).	istics System Pro	oject Report,	United States
	AT 1		Brennan, P.J., Review, Dealer	"Portfolio Manage 's Digest, pp. 20-2	rs Weather Global Risk Managem 22, 24, 54 and 56 (October 1989).	ent Challenge," (Wall Street C	Computer
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ATTY. DOCKET NO. 1481.0240000 APPLICATION NO. 09/641,394

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	W	AA2	+	68,445	12/1992	Kawashima et al.	364	CLASS	
	,	AB2	_	89,606	02/1993	Burns et al.		403	┥──
	-}	AC2		08,665	05/1993	 	364	401	
	 	AD2		37,496	08/1993	McCalley et al.	358	86	·
	 	AE2	T	50,941	10/1993	Kagami et al.	364	401	-
	+	AF2		53,165		McGregor et al.	340	825.65	
					10/1993	Leiseca et al.	364	407	ļ
		AG2	_	83,865	02/1994	Johnson	395	161	
		AH2	_	95,064	03/1994	Malec et al.	364	401	<u> </u>
		AI2		95,069	03/1994	Hersey et al.	364	419.17	
		AJ2	1	09,355	05/1994	Lockwood	364	401	
		AK2	5,3	77,095	12/1994	Maeda et al.	364	401	
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		AL2	04-	135271	05/1992	JP	G06F	15/21	
		AM2	04-3	353970	12/1992	JP	G06F	15/24	
		AN2	05-1	189406	07/1993	JP	G06F	15/20	
		AO2	06-0	76161	03/1994	JP .	G07G	1/06	
		AP2	06-1	149833	05/1994	JP	G06F	15/21	
				OTHE	R (Including Auth	nor, Title, Date, Pertinent Pages, (etc.)		
		AR	2	Cave, T., "We 166 and 168-1	ather Service Is A 69 (August 1991).	Boon To System Dispatchers,* Tra	nsmission & D		
	4	AT 2		Down to Earth Product Releas	Sales Analysis 3.1 se Date).	1 Product Description, Printed from	DIALOG File N	lo. 256, 1 pa	ge (April 1989 -
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APPLICANTS Machado Jr. et al.				
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	1/1/	AA3	5,	491,629	02/1996	Fox et al.	364	20	-
9	700	AB3	5,	521,813	05/1996	Fox et al.	364	401	
		AC3		796,932	08/1998	Fox et al.	395	161	
		AD3	5,	832,456	11/1998	Fox et al.	705	10	
		AE3	6,	021,402	02/2000	Takriti	705	412	+
		AF3	6,	418,417	07/2002	Corby et al.	705	35	
		AG3	6,	584,447	06/2003	Fox et al.	705	10	
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·		AR	<u>3</u>	Ehrenberg, A Research, A	A.S.C. et al., "Th dvertising Resea	e After-Effects of Price-Rela arch Foundation, Vol. 34, No	ated Consumer Prom D. 4, pp. 11-21 (July//	otions", <i>Journal</i> (August 1994).	of Advertising
		AS	3	Engle, R.F. e 3, pp. 241-25	t al., "Modelling 1 (April 1992).	Peak Electricity Demand", .	lournal of Forecastin	g, John Wiley & :	Sons, Vol. 11, No.
		AT	3	Gotschall, Ma (September/0	ary G.; "Builish o October 1998).	n weather," <i>Electric Perspe</i>	ctives, Washington, '	√ol. 23, No. 5, p.	30, 8 pgs
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		AS :	4	Hurrell, M., "	Hurrell, M., "The Weather Business," Intercity, pp. 29, 31 and 32 (February 1991).					
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		AR	<u>5</u>	Jensen, C. a		Harvard Graphics: The Corr			e McGraw-H	iil, pp. 5, 16 , 17,
		AS	<u>5</u>	Lucchetti, A.,	Lucchetti, A., "Cold Winter On the Way? Some bet on it," Wall Street Journal, November 6, 1997.					97.
		AT	5		Malliaris, M., "Beating the Best: A Neutral Network Challenges the Black-Scholes Formula," <i>Proceedings of the Conference on Artificial Intelligence for Applications</i> , US, Los Alamitos, IEEE Comp. Soc. Press, 1993, pp. 445-449, XP000379639, ISBN; 0-8186-3840-0, p. 445, col., 1, line 16, p. 446, col. 1, line 17.					
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	AR <u>6</u>			e, Microsoft Corporation, pp. 2		370-372 and	1 395-447 (1992
,	AS <u>6</u>	Microsoft Exc	eel User's Guide,	Microsoft Corporation, pp. 280	0-281, 596-601 and 70	6-709 (1993)).
	ΛT <u>6</u>	Mitchell, R. e. Performance,	t al., "Where No C " Business Week	Computer Has Gone Before: M , McGraw-Hill, pp. 80-84 and 8	lassively Parallel Proce 88 (November 25, 199	essing Promi	ises Unparallele
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ATTY. DOCKET NO. APPLICATION NO. 1481.0240000 09/641,394

APPLICANTS Machado Jr. et al.

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	,	AS	Z .	Schwartz, S., 21 (April 1996	"Modeling took	s aid in finacial risk manage	ement," <i>Insuranc</i>	e & Techn	ology, Vol. 2	1, No. 4, pp. 20-
	,	AT	Z	Stix, G., "A Ca	alculus of Risk,	Scientific American, pp. 9	2-97 (May 1998)		•	
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	AR	8	Studwell, A., XP00089822	"Weather Deriv , p. 36, col. 1, lii	atives," <i>11th Conference</i> ne 1-p. 40, col. 1, line 33	on Applied Clir.	natology, Janu	ary 10-15, 1	999, pp. 38-40,
·	AS	8	The Weather	Initiative, (Broc	hure), The Met Office, 23	3 pages (1990).			
	AT	8	Turvey, C. G. printed from h	, "Weather Deri http://agecon.lib.	vatives and Specific Eve umn.edu/aaea99/sp99/s	nt Risk,", Augu p99/tu02.pdf>,	st, 1999, pp. 1 p. 2, line 1, p.	-11, XP0021 8, line 2.	33865, as
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		AR	9	Turvey, Cal American A	um, "Weather D gricultural Econo	erivatives for Specific Event R omics Association, Vol. 23, No	Risks in Agriculture," Revi D. 2, pp. 333-51 (Spring/S	iew of Agricu Summer 200	itural Economics, 1).
		AS	<u>9</u>	Upbin, B., "	Betting against G	God," <i>Forbes</i> , Vol. 162, No. 1,	p. 108(1) (July 6, 1998).		
		AT !	9	English-lang Page (Septe	juage Abstract o	f Japanese Patent Publication Date of publication of applica	i No. 01-236396, from htt	p://www1.ipd	::l.jpo.go.jp, 1
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INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. APPLICATION NO. 1481.0240000 09/641,394

APPLICANTS
Machado Jr. et al.

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		AS	12	English-langu Page (March	uage Abstract of 18, 1994 - Date	Japanese Patent Publication of publication	tion No. 06-076 on).	6161, from <i>h</i>	ttp://www1.ipa	dl.jpo.go.jp , 1
		AT	<u>12</u>	English-langu Page (May 31	age Abstract of a	Japanese Patent Publicat publication	ilon No. 06-149).	833, from <i>hi</i>	ttp://www1.ipo	il.jpo.go.jp, 1
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INFORMATION	DISCLOSUR	E STATEMENT

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